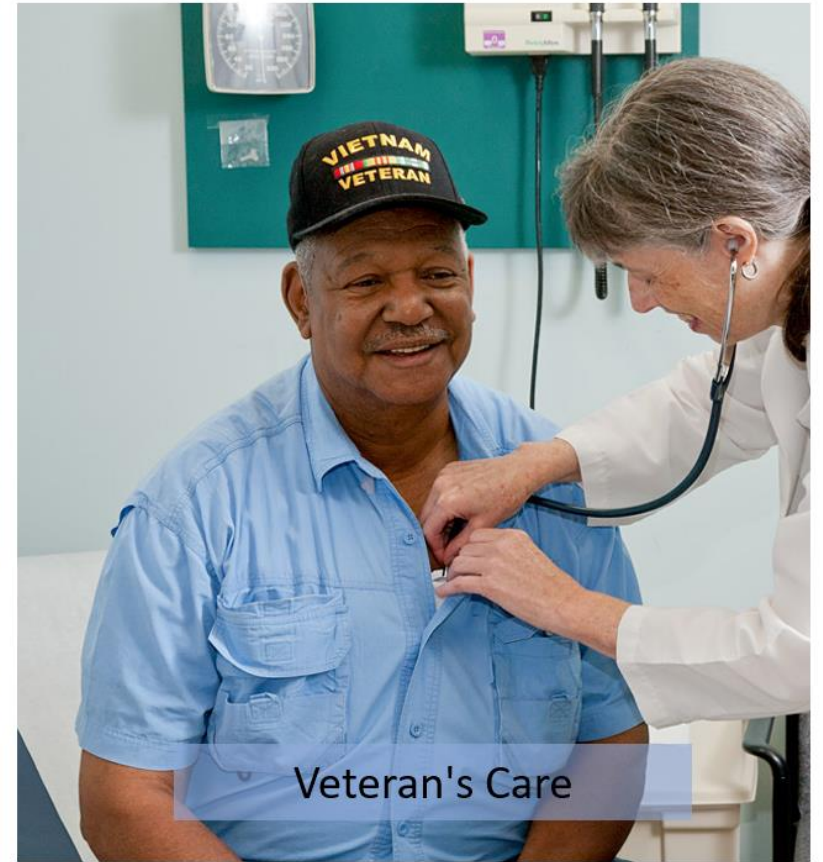
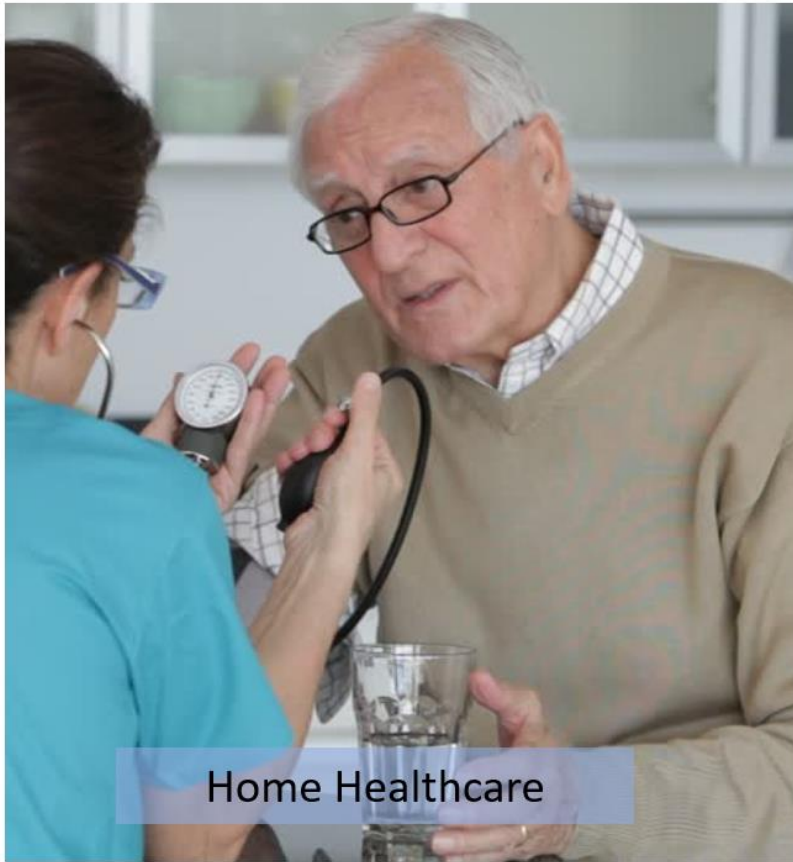




# GEMINI PLATFORM™

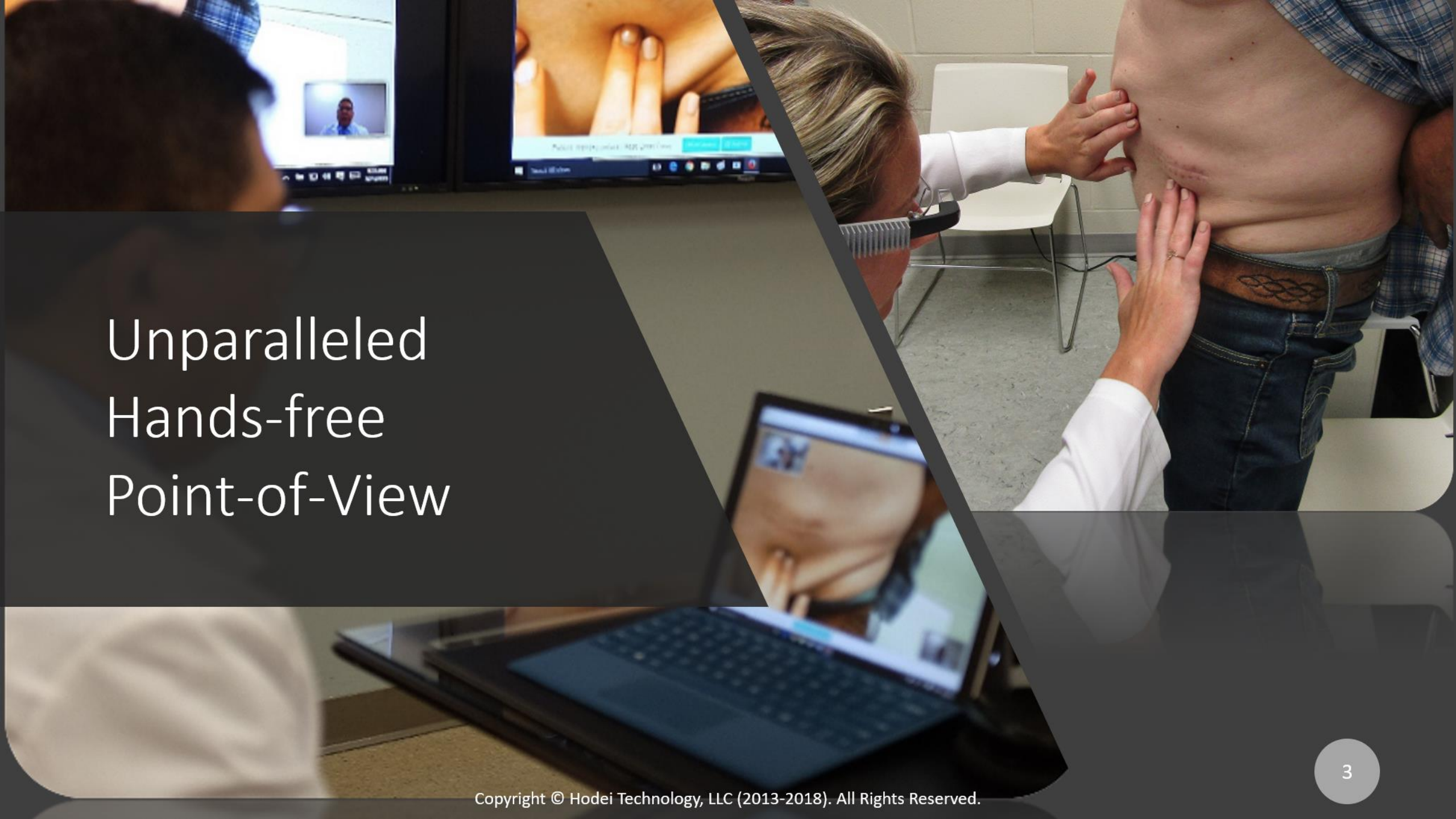
Mobile POV® Remote Telepresence Solution  
for Mentoring, Training, and Care Oversight





# Opportunity for Telepresence





# Unparalleled Hands-free Point-of-View

# Focus on the Patient Not on the Technology





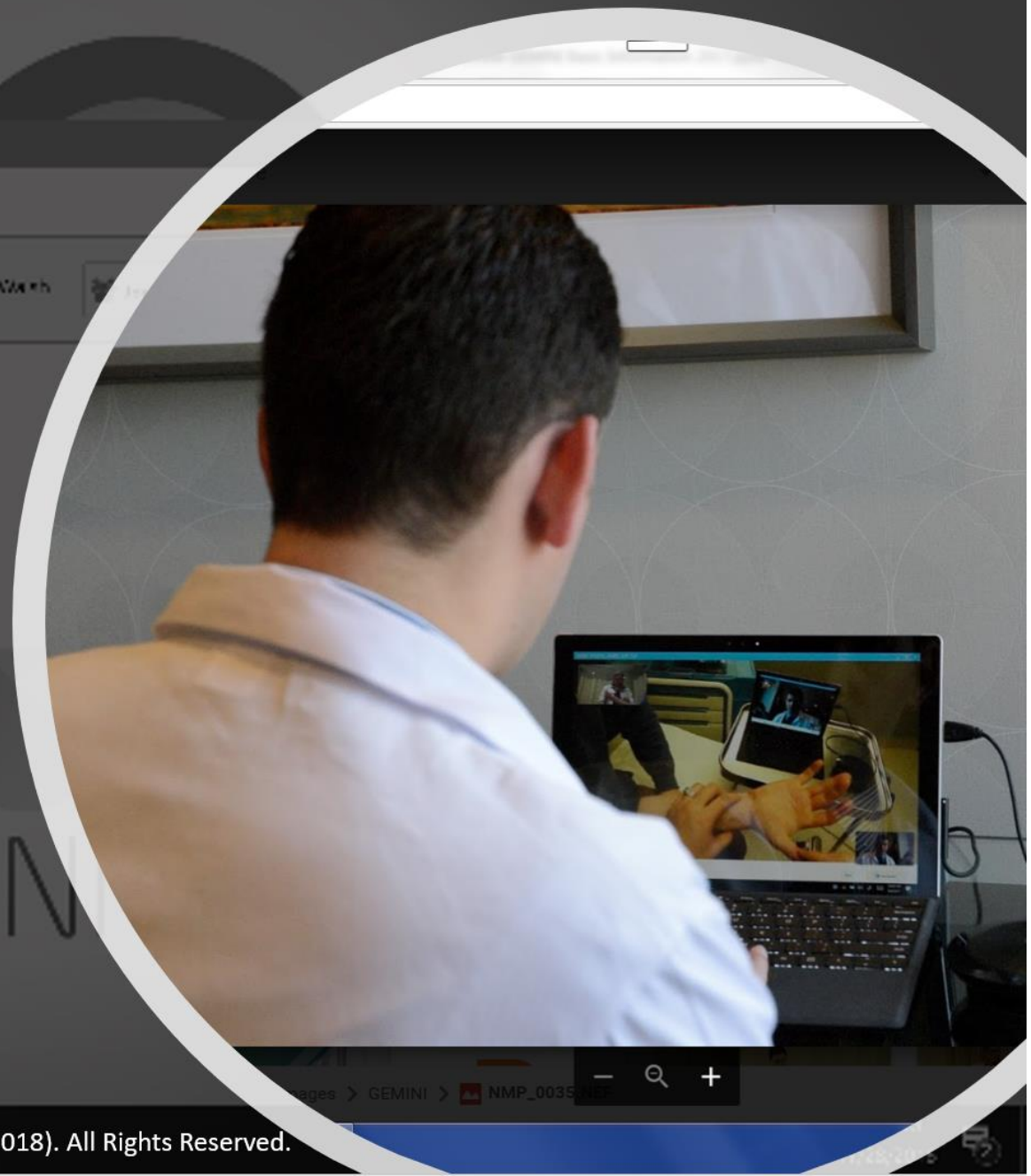
## Changing Remote Healthcare Delivery

- Provide remote physician access to areas without local medical expertise or specialists.
- Physician requested two-way POV<sup>®</sup> platform
  - ✓ not simple video conferencing
- Easy to deploy (flight case style package)
- Optimized for 4G/LTE and low-bandwidth networks
  - ✓ 2x HD streams with 2.6 mbps
- Integrates data / video from medical peripheral devices
  - ✓ Ultrasound, stethoscope, fluoroscope, Horus scope, derm wand, etc....



## Hodei Tech Magic

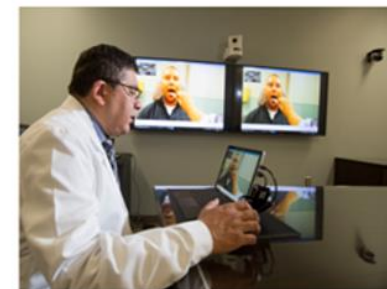
- Optimized the use of video streaming and **Enterprise Google Glass (GGE)** in clinical settings over the last four years.
- **Patented technology** to enable extended GGE use operation.
- **Advanced video streaming** compression with data capture capabilities.
- **Exclusive Partner with Google** focused on Healthcare.
- Currently operate in Europe, United States and Canada (**streaming globally**).





# WHAT USERS ARE SAYING

## Google Glass returns as workplace tool



### *Saskatoon Health Region uses device to better serve remote communities*

BY JOHN DUJAY

**REMEMBER** Google Glass? The tech giant made a big splash a few years ago when it introduced a smart-glass wearable computer product. But for consumers, the idea didn't really take hold and it went away in 2015.

Recently, the company re-introduced the product and, this time around, the product is being targeted to business users under the name Google Glass Enterprise Edition (GGEE).

"Workers in many fields, like manufacturing, logistics, field services and health care, find it useful to consult a wearable device for information and other resources while their hands are busy. That's why we've spent the last two years working closely with a network of more than 30 expert partners to build customized software and business solutions for Glass for people in these fields," said Jay Kothari, project lead of Glass, in a July 18, 2017, blog post.

The new product promises a "small, lightweight, wearable com-

attention to patients, according to Google. And in Saskatchewan, Google Glass Enterprise is being employed as a remote-treatment tool.

Four years ago, the government there created a program that placed robotic interfaces in 11 communities as part of its "remote presence medicine" to allow a physician in Saskatoon to take care of a patient in real time thousands of kilometres away, according to Ivar Mendez, unified head of the Department of Surgery at the University of Saskatchewan and the Saskatoon Health Region.

Saskatchewan has 1.2 million people, but 40 per cent live in rural areas and in "truly isolated communities," said Mendez, and for those who want access to doctors, it requires "tremendous effort to come even for things that are elective and not emergency."

So Mendez considered Google Glass as an option.

"(I thought) 'Instead of having a

"The key feature will allow, for example, a nurse in an emergency room in a northern community, together with an expert surgeon who could see that patient through the nurse's eyes, and they can not only see through the nurse's eyes but also they could communicate with the nurse and they could communicate with the patient," said Mendez.

Despite the device's battery limitations, the remote locations all have two GGEE units charging and when they are needed, the nurse "puts the GG on her head, and the GG transmits directly through the tower that is in the room to the expert in Saskatoon, who can see what the nurse is seeing and, in that way, you are able to examine a patient and make a decision in real time while you are a thousand kilometres away," he said.

For wound treatment, the tool has proved invaluable, according to Mendez.

"For example, if you want to send the doctor a picture or a video of

there are cameras. But now with the Google Glass, students can wear the glasses and we will be able to see really in real time whatever the student is doing — even the movements of the student."

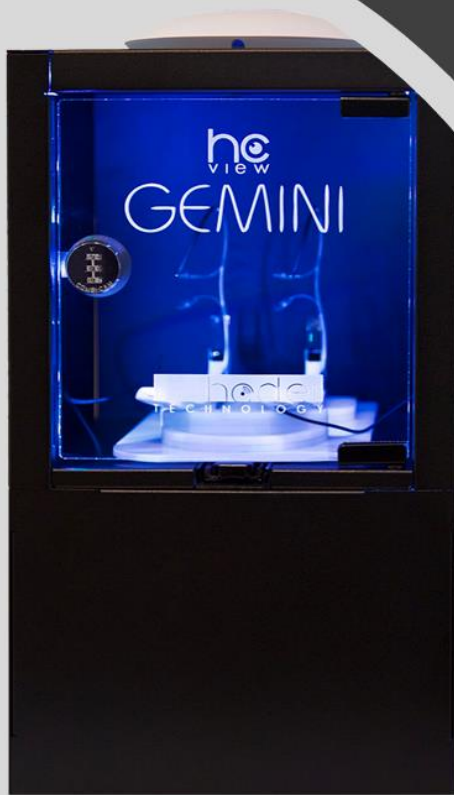
#### **Augmented reality considerations**

While GGEE is new, it's not the first of its kind, according to Isabel Pedersen, associate professor and Canada research chair in digital life, media and culture at the University of Ontario Institute of Technology (UOIT) in Oshawa, Ont.

"Augmented-reality headsets had been used in manufacturing already for quite a while before Google Glass or even Enterprise was proposed by Google."

Bell Canada was an early adopter with its Xybernaut program in the early 2000s, she said, when about 300 technicians used a wearable product that provided instant access to technical information.

"It made perfect sense because...



# TURNKEY SOLUTION

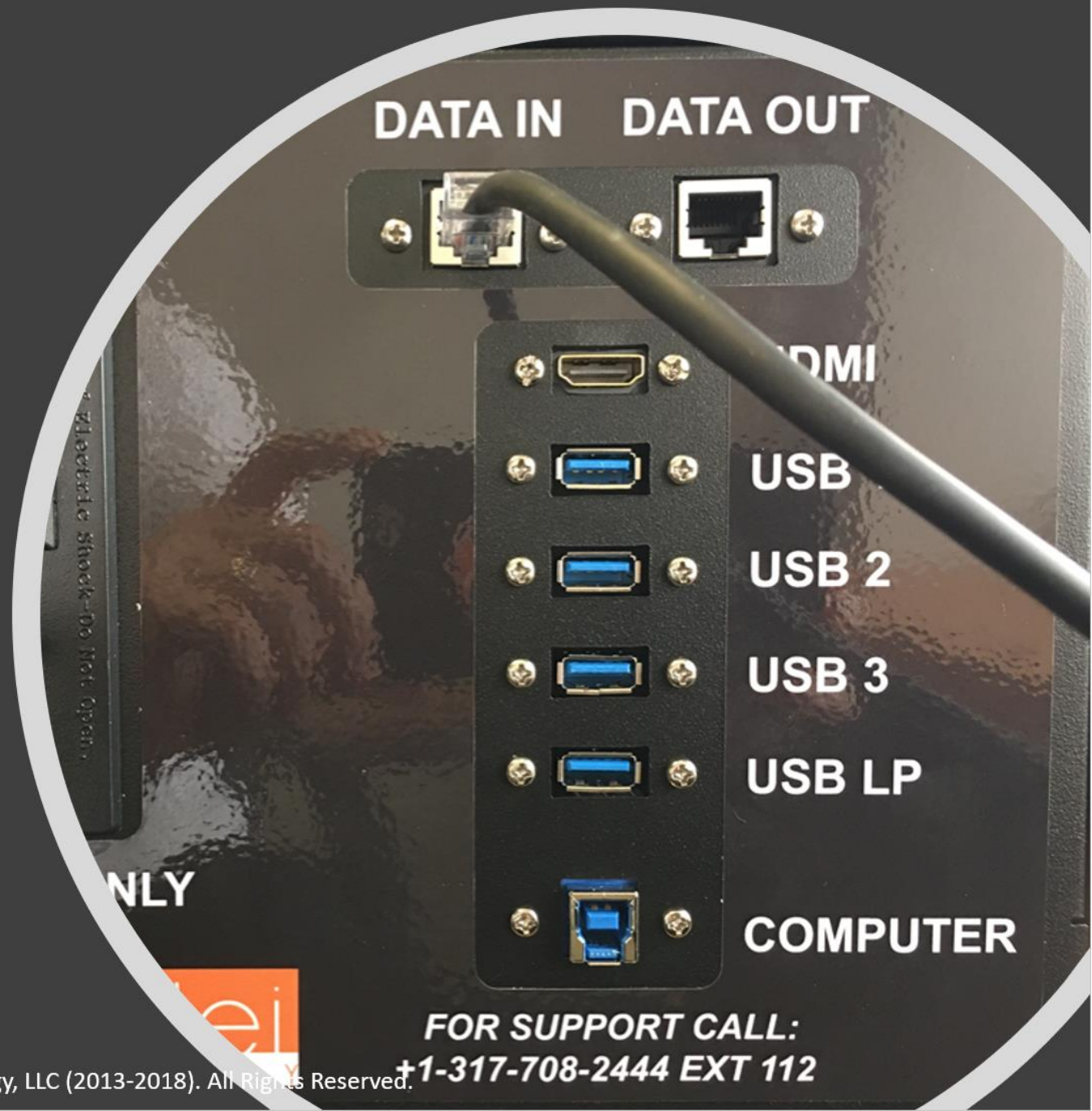


## GEMINI COMMUNICATION HUB™

- Desktop-sized communication unit
- Houses 2 Pair of Glass Enterprise Edition
- Easily integrates peripheral devices (e.g. otoscope, Horus scope, electronic stethoscope, etc.)
- HIPAA/PIA Compliant (AES 256 encryption)
- Ease to Learn – Easy to Use!



# MULTIPLE INPUT OPTIONS





# GLASS Enterprise Edition™

## Important facts regarding Glass EE:

- **Battery Life** – 1.5 – 2 hours from full charge (with Hodei Technology hardware and software modifications)
- **Battery Charging** - ~1% per minute of charging
- **WiFi Broadcast Frequency** – 5 GHz
- **Heat sink** (patent #10,088,867) – the GLASS EE is equipped with a proprietary external heat sink that helps extend the broadcasting time when using GLASS



## Session Setup

GEMINI Seamlessly  
Connects through Your  
Current Network

Web Server  
Session Negotiation  
handles authentication  
and the protocol  
transversal for clients

Video Relay  
Server

VPN

AES-256  
ENCRYPTION

Host  
(Nurse)

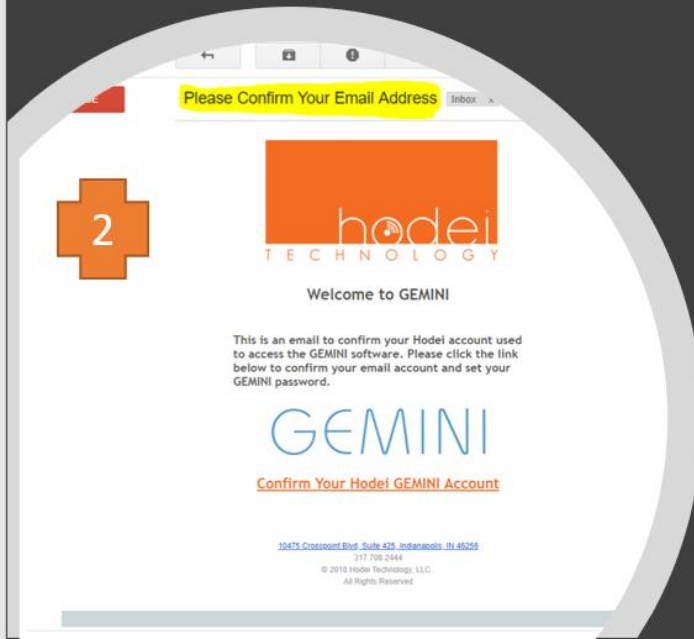
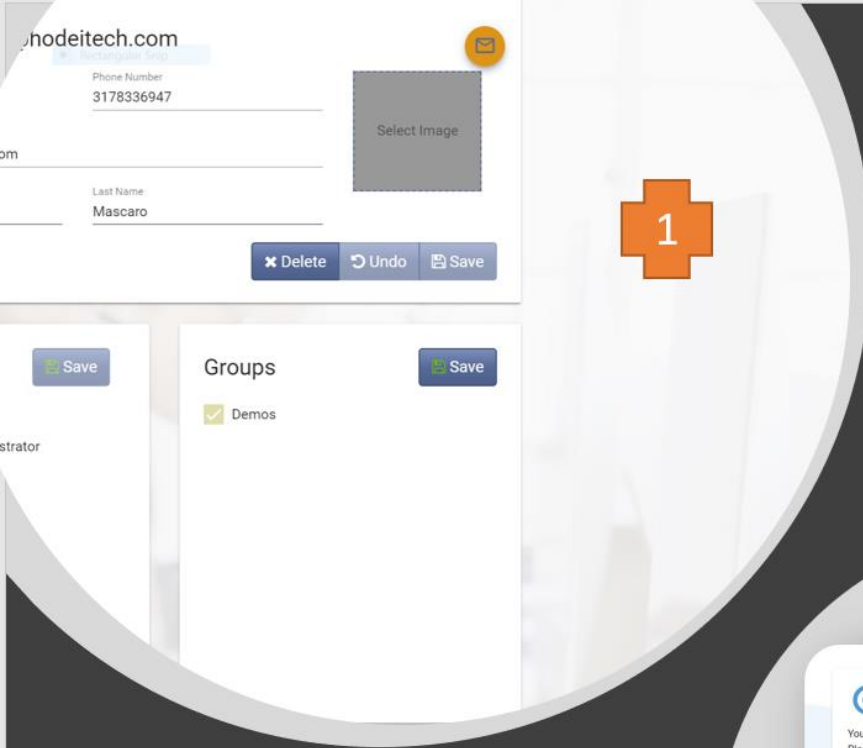
Viewer  
(Physician)

Each location has a unique network, and as such, we have created our system so that we can integrate in multiple ways. We can accommodate most network environments and we will work with you to ensure you are comfortable with the GEMINI system.



# User Account Set-Up Process

1. User Account is Set-up on Admin Platform & Role is Assigned
2. User Account Verification Email is Sent from the Platform
3. User is Prompted to Set Unique Password
4. User is Prompted to Download the GEMINI app



### Application Requirements:

To download the GEMINI application to a personal device, there are some system requirements necessary for proper function. If the device does not meet the minimum system requirements, then a Hodei device can be leased.

### Minimum System Requirements:

- Windows 7 or newer
- 64 Bit OS
- Intel i5 processor or better
- 8 GB RAM
- 1 GB Hard Disk Space
- Webcam
- Audio playback and microphone

### Recommended Audio Devices:

*(Available for purchase through Hodei Technology)*

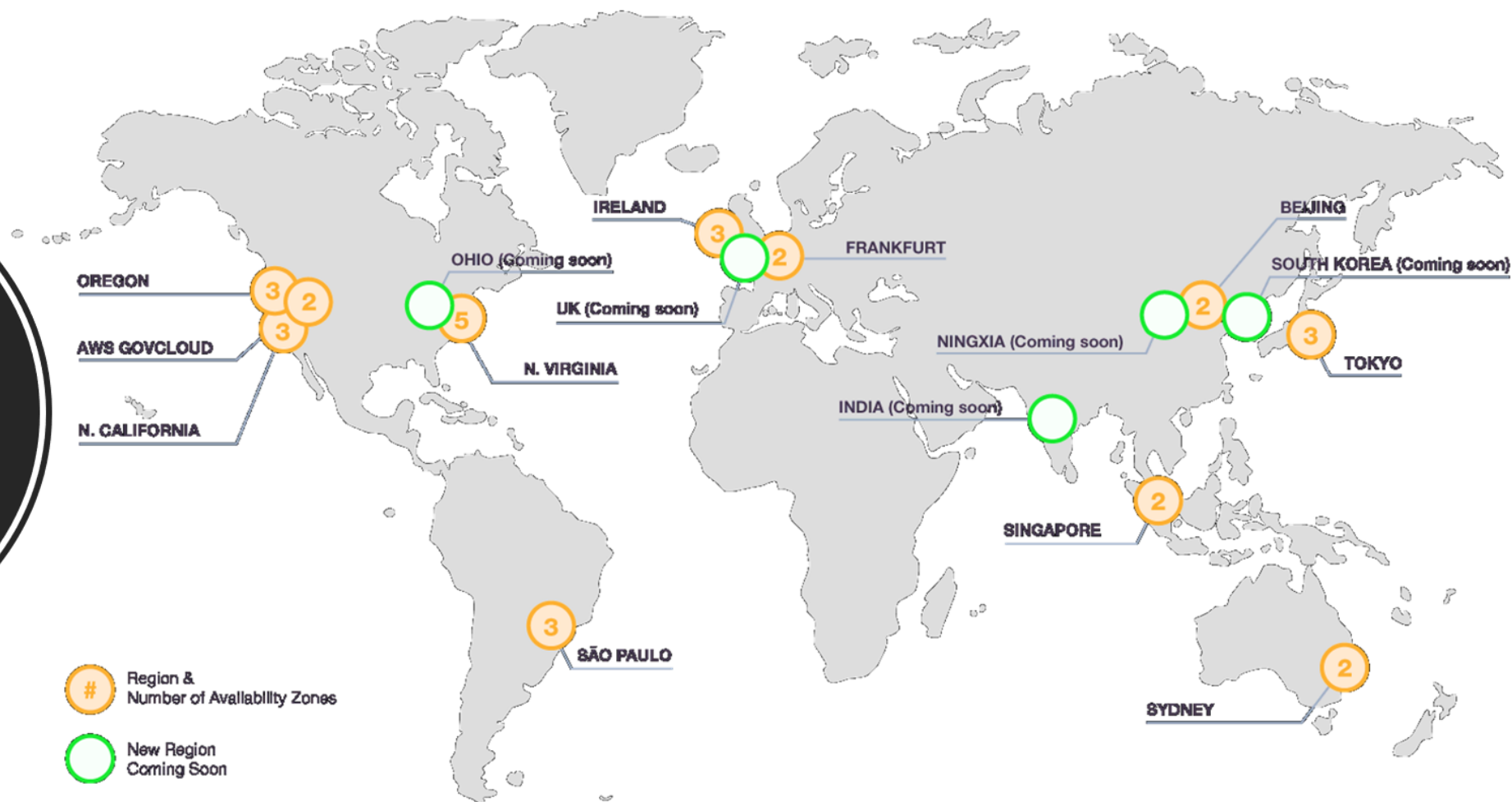
- Headset with microphone
- Jabra 510 Conference Speaker



**NOTE:** Administrative rights on personal devices may be required to download the GEMINI application depending on local IT security. The ability to download and install the application will possibly need to be authenticated by the IT team as a safe program to run on personal devices.



# GLOBAL REACH





## Contact

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